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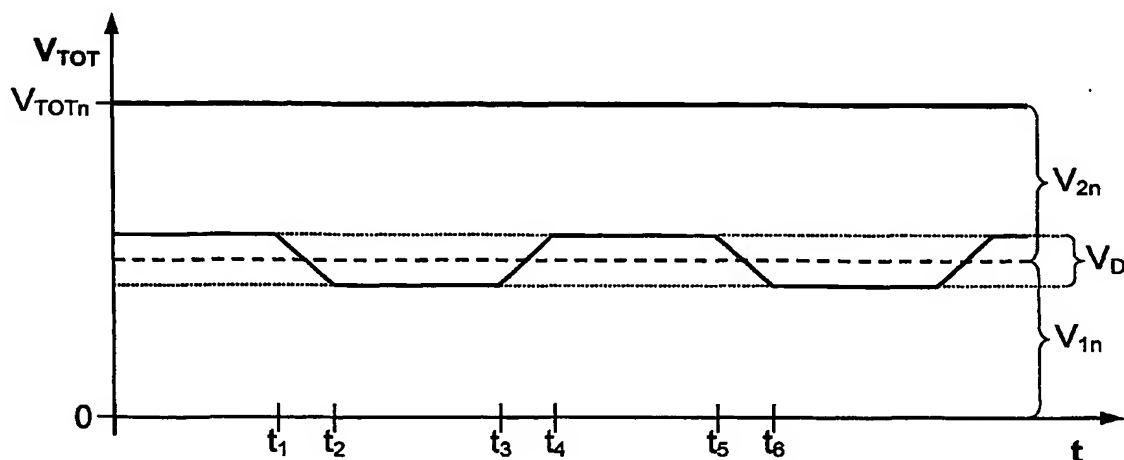
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(54) Title: ENERGY STORAGE



(57) Abstract: The present invention relates to storage of electrical energy in a number of electrical storage modules, which are connected in series to one another. A DC-system voltage (V_{TOT}) is received and DC-to-DC converted into one voltage fraction (V_1 , V_2) per electrical storage module. The respective voltage fractions (V_1 , V_2) are delivered to each module and varied over time (t) within an interval (V_D) around a respective nominal module voltage (V_{1n} , V_{2n}). Thereby, the charging voltage is temporarily increased to a level which is sufficiently high to obtain an improved load capacity for each module. At the same time, the overall voltage over the electrical storage modules may be held at a harmless level with respect to any units that are included in the relevant electric circuitry.